

TULUPNIKOV, L.A.; SOLOV'IEV, A.V.; BATOVA, N.T.; GAVRILOV, V.I., kand. ekonom.nauk; SHIMKO, N.I.; POLOVENKO, I.S., kand.ekonom.nauk; POTAPOV, Kh.Ye., red.; OVCHINNIKOV, N.G., red.; POHOMAREVA, A.A., tekhn.red.

[Problems pertaining to long-range planning and systems of management on collective and state farms] Voprosy perspektivnogo planirovaniia i sistemy vedeniya khozisistva v kolkhozakh i sovkhozakh. Moskva, Gosplanizdat, 1960. 681 p.

(MIRA 14:3)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut ekonomiki sel'skogo khozyaystva. 2. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina; direktor Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Tulupnikov). 3. Zamestitel' direktora Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Gavrilov). 4. Rukovoditel' otdela Vsesoyuznogo nauchno-issledovatel'skogo instituta ekonomiki sel'skogo khozyaystva (for Polovenko).
(Collective farms) (State farms)

SOLOV'YEV, A.V.

Introducing tubeless units for growing mold fungi in distilleries.
Perm. i spirt. prom. 31 no. 1437-38 '65.

(MIRA 18:5)

I. Vsesoyuznyy nauchno-issledovatel'skiy institut fermentnoy i
spirtovoy promyshlennosti.

SOLOV'YEV, A.V.

Upper Jurassic massifs of reef origin in the Caucasus are
possible petroleum reservoirs. Neftegaz. geol. i geofiz.
no.11:3-5 '64. (MIR 18:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy
neftyanoy institut, Moskva.

Solov'yev, A.V.

/ Phosphorites in Tertiary sediments of Kazakhstan

and Cis-Ural (1972). The newly discovered phosphorite deposits are not only important from the economical view, but also very significant because of their chem. genesis and the remarkable structure of the

RAZUMOV, N.V.; SOLOV'YEV, A.V.

Genetic types of petroleum and conditions for the formation of
petroleum deposits in the northeastern part of Sakhalin. Soob.
Sakhal. kompl. nauch.-issl. inst. AN SSSR no.5:61-71 '57.
(Sakhalin--Petroleum geology) (MIRA 10:12)

SOLOV'YEV, A.V.; RAZ'MOV, N.V.; ZHESTKOV, D.K.

Investigating natural oil seepage in the region of the village of
Ay in Dolinsk District. Soob. Sakhal. kompl. nauch.-issl. inst.
AN SSSR no. 5:129-131 '57. (MIRA 10:12)
(Dolinsk District--Petroleum)

16. V. V. J.

"Genetic Types of Petroleum and Origination of Oil Deposits of North-Eastern
Sakhalin,"

report delivered in the Geologic Section, 1 March-4 June 1957.

Chronicle of the Activity of the Geologic Section, Bulleten' Moskovskogo
Obshchestva Ispytateley Prirody, Otdel Geologicheskiy, No. 6, p. 115-118, 1957.

AUTHOR:

Solov'yev, A.V.

5-6-17/42

TITLE:

On Genetic Types of Petroleum and the Origin of Oil Deposits
in North-Eastern Sakhalin (O geneticheskikh tipakh nefti
i formirovaniy neftyanykh mestorozhdeniy severo-vostochnogo
Sakhalina)

PERIODICAL:

Byulleten' Moskovskogo Obshchestva Ispytateley Prirody, Otdel
Geologicheskiy, 1957, # 6, pp 130-131 (USSR)

ABSTRACT:

On the basis of analysing the chemical composition of petroleum of North - Eastern Sakhalin and geological conditions of various deposits, the author classifies petroleum occurring in Sakhalin into 3 genetically different types:

1. The northern group of fields, including Eastern Ekhabi, Ekhabi, Okha and Gilyako-Abunan, constitutes the first type. These fields originated as a result of regional migration of fluids from sinking regions which were characterized by the accumulation of considerable strata of deep-water sediments.

2. The fields of the central group, including Nutovo and Paromay, are of the second type. The origination of petroleum of this type is due to the heat of intrusive bodies which affected the rocks enriched with organic substances and bitumens.

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5-6-17/42

On Genetic Types of Petroleum and the Origin of Oil Deposits in North-Eastern Sakhalin

3. The fields of the southern group, including Katangli and Uyglekuty, are of the third type. Petroleum of this type has a genetical relation with coal.

AVAILABLE: Library of Congress

Card 2/2

SOLOV'YEV, A.V.; RAZUMOV, N.V.

Effect of regional and vertical migration on the chemical composition
of petroleums of some oil fields in Sakhalin. Geol. nefti 2 no.1:30-35
(MIRA 11:1)
Ja '58.

1. Sakhalinskiy kompleksnyy nauchno-issledovatel'skiy institut AN
SSSR.
(Sakhalin--Petroleum--Analysis)

AUTHOR: Polov'yev, A.V.

DDV/11-58-12-1/15

TITLE: On the Question of the Tectonic Structure of Sakhalin
(K voprosu o tektonicheskoy skheme Sakhalina)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1958,
Nr 12, pp 3-8 (USSE)

ABSTRACT: Sakhalin is formed of two mountain ridges divided by a valley over the entire length of the island. The author disagrees with the scheme elaborated by Ye.V. Smekhov and S.N. Alekseychik according to which the three mentioned parts correspond to three geotectonic zones: the West-Sakhalin and East-Sakhalin anticlinoria divided by a central synclinorium. The study of folding formations in different parts of the island shows the presence of a series of tectonic zones. The zone of a typical linear structure of folding, specific for a geosynclinal region (according to V.V. Belousov), is observed in the part formed by the West-Sakhalin ridge of mountains and its foot hills. This ridge forms an intra-geoanticline which originated in the Middle-Miocene period as a result of the disintegration of the geosynclinal region of the Tatarskiy Strait into intrageosynclines and intrageo-anticlines. The southern part of the Central Sakhalin valley

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On the question of the Tectonic Structure of Sakhalin GOV/11-58-12-1/15

and almost the whole northern part of the island must be considered an intermediate region between the geosynclinal and consolidated parts. The western littoral of the northern part of Sakhalin forms a part of a plateau (Figure 4) which was consolidated by the beginning of the Tertiary Period. The East-Sakhalin and Susanayekiy ridges as well as the Paleozoic massiv of the Tonino-Anivskiy peninsula must also be considered as a consolidated part since Paleozoic time. Thus, regular consecutive stages of the development of a geosynclinal zone can be observed on Sakhalin: the occurrence of the geosynclinally slightly differentiated regions, then their intensive disintegration into intrageosynclines and intra-geoanticlines; the elevation process, connected with volcanic action, then occurs in the central parts of the geosynclinal depression. The process of transformation of the geosyncline into a folded region, which is now the West-Sakhalin ridge of mountains, occurred by way of expansion of the primarily originated anticlines.

Card 2/3

On the question of the Tectonic Structure of Sakhalin GSV/11-54-12-1/15

There are 2 schemes, 2 maps and 7 Soviet references.

ASSOCIATION: Kompleksnaya yuzhnaya geologicheskaya ekskspeditsiya Otdeleniya geologo-geograficheskikh nauk AN SSSR, Moskva (The Joint Southern Geological Expedition of the Sections of Geological and Geographical Sciences of the AS USSR, Moscow)

SUBMITTED: August 20, 1957

Card 3/3

SOLOV'YEV, A.V.

Characteristics of sedimentation in the Sea of Japan. Sov.
geol. 3 no. 9:103-112 S '60. (MIRA 13:11)

1. Geologicheskiy institut AM SSSR.
(Japan, Sea of--Sediments (Geology))

MIKHAYLOVA, M.V.; SOLOW'IEV, A.V.

Types of carbonate reservoir rocks in Ciscaucasia and the Northern
Caucasus. Trudy VNIGNI no.34:219-229 '61. (MIRA 15:7)
(Caucasus, Northern--Petroleum geology)
(Caucasus, Northern--Gas, Natural--Geology)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652310013-9

SOLOV'YEV, A.V.

Recent geosynclines in the south of the U.S.S.R. Trudy VNIGNI
no. 38:5-16 '63. (MIRA 17:6)

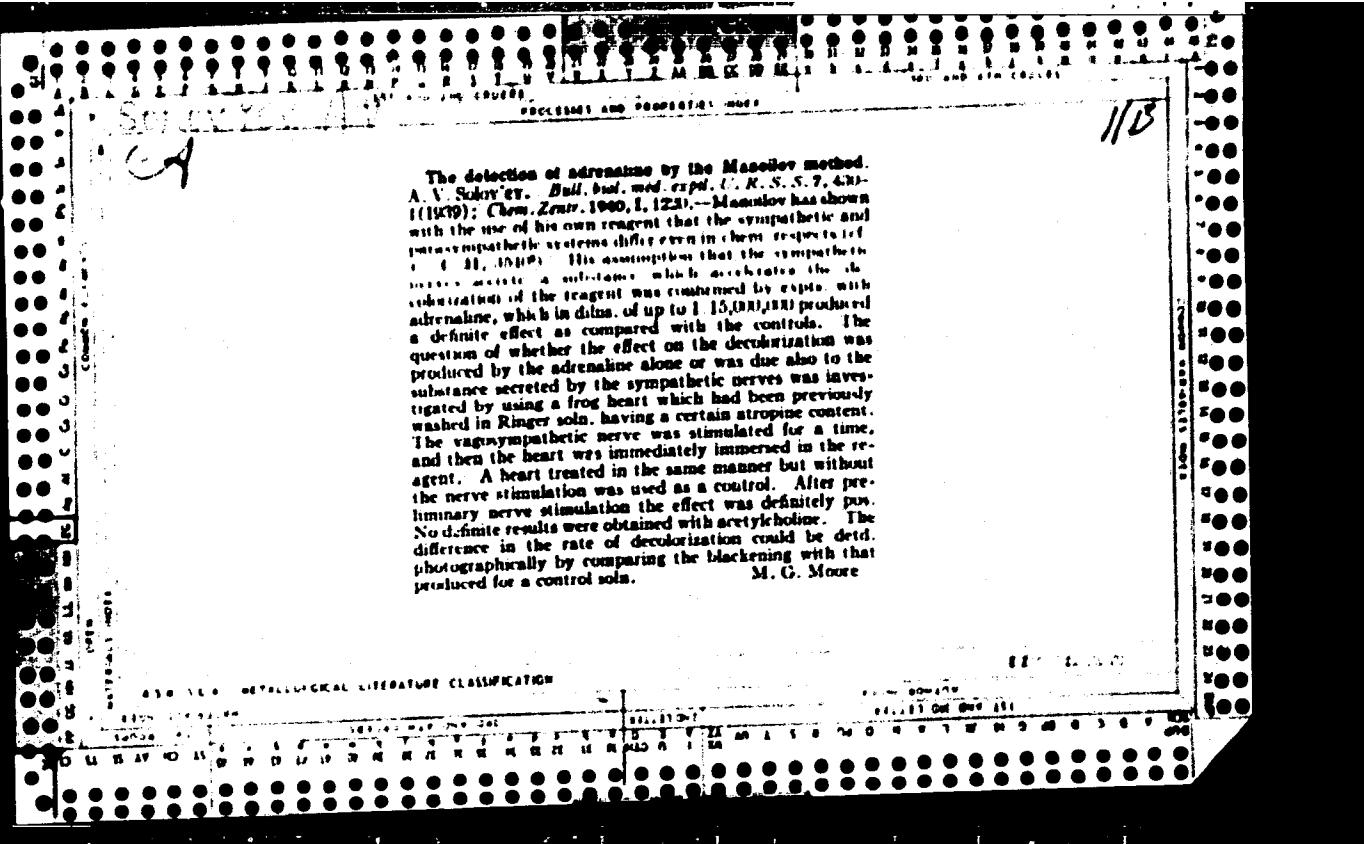
APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652310013-9"

Lebedev, A.V.; Belov, V.P.; Khavin, V.P.

Carbonate reservoirs in Mesozoic geological periods in the
the Northern Caucasus. Engl. nefti i gaza, 1970, No. 1, p. 1-165.

I. Vsesoyuznyy nauchno-issledovatel'skiy i vnedrencheskiy
neftyanoy institut, Moskva.



SOLOV'YEV, A.V.

Analysis of the effect of neural and neuro-chemical stimuli of
the secretory function of the stomach. *Fiziol. zh. SSSR* 36 no.4;
463-469 July-Aug 50. (CIML 20:4)

1. Laboratory of Clinical Physiology of the Department of General Physiology of the Institute of Experimental Medicine of the Academy of Medical Sciences USSR.

SOLOV'YEV, A.V.

Simple method of operation of the Pavlov's stomach from the greater
and lesser curvatures. Fiziol. zh. SSSR 38 no.4:507-514 July-Aug 1952.
(CLML 23:2)

1. Institute of Physiology imeni I. P. Pavlov of the Academy of Sciences
USSR, Leningrad.

SOLOV'YEV, A.V.

Role of the vagus nerve in secretory function of the pancreas. Trudy Inst. fisiol. 3:82-85 '54.
(MIRA 8:2)

1. Laboratoriya fiziologii i patologii pishchevareniya i krovoobrazchaniya. Zaveduyushchiy A.V.Solov'yev.

(NERVES, VAGUS, physiology,
regulation of pancreatic secretion)

(PANCREAS, PHYSIOLOGY,
vagus regulation of pancreatic secretion)

SOLOV'IEV, A.V.

New method of formation of a small Pavlovian stomach with bilateral innervation and its sequelae in animals. Trudy Inst. fiziolog. 3:221-226 '54. (MLRA 8:2)

1. Laboratoriya fiziologii i patologii pishchevareniya i krovoobrazheniya. Zaveduyushchiy A.V.Solov'ev.

(STOMACH, surgery,

form. of small Pavlovian stomach with bilateral innervation,
eff. in animals)

USSR-Biology - Physiology

FD-2280

Card 1/1 Pub 33-11/18

Author : Solov'yev, A. V.

Title : One of the methods for obtaining pure pancreatic juice without injury to the animal

Periodical : Fiziol. zhur. 40, 603-604, Sep-Oct 1954

Abstract : Describes construction, operation for inserting, and method of use of a branched cannula to be inserted into the pancreatic duct and duodenum of an animal for the purpose of obtaining pure pancreatic juice without injury to the animal or for permitting free flow of the pancreatic juice into the intestinal tract, as desired. Diagrams. Six references, all USSR (4 since 1940).

Institution: Institute of Physiology imeni I. P. Pavlova of the Academy of Sciences of the USSR, Leningrad.

Submitted : November 24, 1952

SOLOV'YEV, A.V., otvetstvennyy redaktor; AYRAPETIYANTS, F.Sh., redaktor;
BIRYUKOV, D.A., redaktor; VLADIMIROV, O.Ye., redaktor; KOLOSOV, N.O.,
redaktor; KRAZUSKIY, V.K., redaktor; KURTSIN, I.T., redaktor;
MAYOROV, F.P., redaktor; OL'NYANSKAYA, R.P., redaktor; RIKKL', A.Y.,
redaktor; CHERNIGOVSKIY, V.S., redaktor; FEDOROVA-GROT, A.K.,
redaktor; BARSUKOVA, Z.A., redaktor izdatel'stva; KRUOLIKOVA, N.A.,
tekhnicheskiy redaktor.

[Problems of the physiology of the central nervous system; a collection
celebrating the 70th birthday of Academician K.N.Bykov] Problemy
fiziologii tsentral'noi nervnoi sistemy: sbornik. posviaschennyi
70-letiu so dnia rozhdeniya akademika K.N.Bykova. Moskva, 1957.
632 p.
(MLRA 10:10)

1. Akademiya nauk SSSR. Institut fiziologii.
(NERVOUS SYSTEM)

SOLOV'YEV, A.V.; SOLOV'YEV, N.A.; SOLODKINA, O.V.

Effect of total body irradiation on the secretory function of different areas of the stomach. Trudy Inst. fiziolog. 6:509-513 '57.

(MIRA 11:4)

1. Laboratoriya fiziologii i patologii pishchevareniya i krovoobrazheniya (zaveduyushchiy A.V. Solov'yev).
(X RAYS--PHYSIOLOGICAL EFFECT) (STOMACH--SECRETIONS)

SOLOV'YEV, Aleksandr Vasil'yevich; KURTSIN, I.T., otd.red.; BIANKI, V.L.,
red.izd-va; PLEVZNER, R.S., tekhn.red.

[New data on the secretory function of the stomach and the
pancreas] Novye dannye o sekretornoj funktsii shaludka i
podzheludochnoi zhelez. Moskva, Izd-vo Akad.nauk SSSR,
1959. 156 p. (MIRA 12:6)

(PANCREAS--SECRECTIONS) (STOMACH--SECRECTIONS)

SOLOV'YEV, A.V.

Some new data on the neural regulation of the digestive organs.
Trudy Inst.fiziol. 8:321-327 '59. (MIRA 13:5)

1. Laboratoriya fiziologii pishchevareniya (zaveduyushchiy - A.V.
Solov'yev) Instituta fiziologii im. I.P. Pavlova AN SSSR.
(DIGESTIVE ORGANS) (NERVOUS SYSTEM)

SOLOV'YEV, A.V.

Konstantin Mikhailovich Bykov. Zhur.vys.nerv.deiat. 9 no.4:637-640
(MIRA 12:12)
Jl-Ag '59.
(BYKOV, KONSTANTIN MIKHAILOVICH, 1886-1959)

SOLOV'YEV, A.V.; ROZOVA, Ye.I.

Mechanism of the development of trace conditioned, vascular reflexes in normal and hypertensive subjects. *Fiziol. zhur.* .
45 no.6:661-666 Je '59. (MIRA 12:8)

1. From the laboratory of physiology and pathology of digestion,
I.P.Pavlov Institute of Physiology, Leningrad.
(HYPERTENSION, physiol.

develop. of trace vasc. conditioned reflexes
in hypertensive & normal subjects (Rus))
(REFLEX, CONDITIONED

trace vasc. conditioned reflexes, develop.
in hypertensive & normal subjects (Rus))

SOLOV'YEV, A.V.; MATROSOVA, Ye.M.

Relationship between gastric and pancreatic activity. Fiziologicheskii zhurnal.
45 no.10:1263-1271 O '59. (MIRA 13:2)

1. Laboratoriya fiziologii pishchevareniya Instituta fiziologii im.
I.P. Pavlova AN SSSR, Leningrad.
(GASTRIC JUICE)
(PANCREATIC JUICE)

MATROSOVA, Ye.M.; SOLOV'IEV, A.V.; TROITSKAYA, V.B.

Problems of digestion and nutrition in the work of K.M. Bykov.
Trudy Inst. fiziolog. 9:24-31 '60. (MIRA 14:3)

1. Laboratoriya fiziologii pishchevareniya (zaveduyushchiy -
A.V. Solov'yev) Instituta fiziologii im. I.P.Pavlova.
(BYKOV, KONSTANTIN MIKHAILOVICH, 1886-)

SOLOV'YEV, A.V.; TROITSKAYA, V.B.

Bile secretion. Trudy Inst. fiziolog. 9:133-138 '60. (MIRA 14:3)

1. Laboratoriya fiziologii pishchevareniya (zaveduyushchiy - A.V. Solov'yev) Instituta fiziologii im. I.P.Pavlova.
(BILE)

ROZOVA, Ye.I., SOLOV'YEV, A.V.

Successive vascular conditioned reflexes in patients with gastric
and duodenal ulcers. Trudy Inst. fiziolog. 9:245-248 '60.
(MIRA 14:3)

1. Laboratoriya fizioligii pishchevareniya (zaveduyushchiy -
A.V.Solov'yev) Instituta fiziologii im. I.P.Pavlova.
(CONDITIONED RESPONSE) (PEPTIC ULCER)

MATROSOVA, Ye.M.; SOLOV'YEV, A.V.

Neurohumoral mechanisms in the second phase of gastric secretion.
Trudy Inst. fiziolog. 9:472-494 '60. (MIRA 14:3)

1. Laboratoriya fiziologii pishchevareniya (zaveduyushchiy - A.V. Solov'yev) Instituta fiziologii im. I.P. Pavlova.
(STOMACH—SECRECTIONS) (NERVOUS SYSTEM)

Sоловьев, А.В.; Троцкая, В.Б.

Neurohumoral regulation of the secretory activity of the pancreas.
Trudy Inst. fiziol. 9:495-502 '60. (МИА 14:3)

1. Laboratoriya fiziologii pishchevareniya (zaveduyushchiy - A.V.
Sоловьев) Instituta fiziologii im. I.P.Pavlova.
(PANCREAS—SECRETIONS) (NERVOUS SYSTEM)

MATROSOVA, Ye.M.; SOLOV'YEV, A.V.; SOLODKINA, O.V.

Relationships between the secretory and motor activity of the lesser and greater curvature of the stomach. Fiziol. zhur.
SSSR 46 no. 9:1132-1140 S '60. (MIRA 13:10)

1. From the Laboratory of the Digestion Physiology, Pavlov
Institute of Physiology, Leningrad.
(GASTROINTESTINAL MOTILITY) (STOMACH--SECRECTIONS)

KURTSIN, Ivan Terent'yevich, prof.; SOLOV'IEV, A.V., red.; RULEVA, M.S.,
tekhn. red.

[Ionizing radiation and digestion] Ioniziruiushchaya radiatsiya i
pishchevarenie. Leningrad, Gos. izd-vo med. lit-ry Medgiz, 1961.
297 p. (MIRA 14:8)

(RADIATION—PHYSIOLOGICAL EFFECT) (DIGESTIVE ORGANS)

DVINYANINOV, Leonid Ivanovich; SOLOV'YEV, A.V., ovt. red.; VASIL'YEVA, Z.A., red. izd-va; TARASOV, G.A., red. izd-va; ZENDEL', M.Ye., tekhn. red.

[Works on the physiology and pathology of digestion carried out in I.P.Pavlov's laboratory; abstracts of dissertations and articles for the period 1888-1934] Raboty po fiziologii i patologii pishchevareniia vypolnenyye v laboratorii I.P.Pavlova; referaty dissertatsii i statei s 1888 po 1934 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 334 p.
(MIRA 14:11)

(DIGESTION—ABSTRACTS)

(BIBLIOGRAPHY—DIGESTION)

SOLOV'YEV, A.V. (Leningrad)

"Absorption in the digestive apparatus" by R.O.Faitol'berg.
Reviewed by A.V.Solov'yev. Fiziol.zhur. 47 no.3:414-415 Mr '61.
(MIHA 14:5)

(ALIMENTARY CANAL) (FAITEL'BERG, R.O.)

MATROSOVA, Yelena Mikhaylovna; SOLOV'YEV, A.V., otv. red.;
GOL'DANSKAYA, M.I., red.izd-va; VINOGRADOVA, N.F., tekhn.
red.

[Motor activity of the stomach and its association with the
secretion of gastric juice] Dvigatel'naia deiatel'nost' zhe-
ludka i ee sviaz' s sekretsiei zheludochnogo soka. Moskva,
Izd-vo "Nauka." 1964. 187 p. (MIRA 17:1)

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CIA-RDP86-00513R001652310013-9

SOLOV'YEV, A.V.

Device for adjusting and monitoring the operation of double-draft gas
burners; proportion meter. Nauch. trudy NKKH no.23:43-49 '63.
(MIRA 17:12)

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CIA-RDP86-00513R001652310013-9"

L 39962-65 EWT(m)/EPF(c)/EWA(d)/EPR/EWP(t)/EWP(b) Pr-4/Ps-4 IJP(c)
ACCESSION NR: AP4000640 JD/JW/WB 9/0080/63/036/011/2547/2550

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AUTHOR: Solov'yev, A.V.

TITLE: Investigation of protective properties of fluoride-silicate
films on magnesium

SOURCE: Zhurnal prkladnoy khimii, v. 36, no. 11, 1963, 2547-2550

TOPIC TAGS: corrosion, magnesium corrosion, magnesium electrode potential, magnesium passivation, passivated magnesium corrosion, fluoride silicate coating, fluoride silicate-coated magnesium, electrode potential, magnesium anticorrosive coating, coating protective property

ABSTRACT: While it is known that magnesium forms protective films in fluoride solutions, hydrofluoric acid and solutions of silicates or mixtures of silicates and fluorides, the protection which such films provide against corrosion has not been studied. This is the subject of the present article. On the basis of certain theoretical premises concerning the molecular diameters of magnesium compounds, tests were made to determine the kinetics of electrode potentials of magnesium (MG-1 brand) in concentrated solutions of ammonium

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ACCESSION NR: AP4000640

fluoride (sp. gravity 1.116) potassium metasilicate (sp. gravity 1.724) and a mixture of 92% ammonium fluoride and 8% potassium metasilicate solution. The conclusion is that magnesium in the above solutions is first chemically passivated. Since the volumes of chemical compounds formed on the surface of magnesium are greater than the volume of reacted Mg, the film becomes densified and the protection is improved. During passivation, the Mg potential rises considerably as compared to the normal electrode potential (-2.37 v). The greatest potential increase is observed when Mg is passivated in a mixed solution of ammonium fluoride and potassium metasilicate (+0.14 v). The potential is somewhat lower by passivation in ammonium fluoride (+0.02 v), still less in potassium metasilicate (-1.148 v). Corrosion studies of magnesium before and after coating with protective film (corrosive liquid: a 3% water solution of NaCl) showed that the best protection was that offluoro-silicate films formed by a mixed bath of 98% by volume of ammonium fluoride and 2%

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ACCESSION NR: AP4000640

by volume of potassium metasilicate solutions (densities, as above). Orig.
art. has: 2 tables.

ASSOCIATION: Moskovskiy institut stali i splavov (Moscow Steel and Alloys
Institute)

SUBMITTED: 27Jan62

ENCL: 00

SUB CODE: MM

NO REF SOV: 003

OTHER: 000

Card 3/3 J0

SOLNTSEV, A.Ia., starshiy agronom

From the experience of the "Krasnyi putilovets" Collective Flax Farm, Zemledelie 6 no.11:11-18 N '58. (MIRA 11:11)

1. Kolkhoz "Krasnyy Putilovets" Kashinskogo rayona Kalininskoy oblasti.
(Flax) (Rotation of crops)

PETROV, B.A., professor, predsedatel'; LCHOTEN, V.I., sekretar'; MLYNCHIK, V.E.; KAZANSKIY, V.I., professor; MANJLEV, A.N., professor; LEVIT, V.S., professor; PETROVSKIY, B.V., professor; PECHATNIKOVA, E.A.; SOLOV'IEV, A.Ye., professor; MAKHOV, N.I., dotenet; YELANSKIY, N.N. professor; PIOTKIN, F.M., professor; VISHNEVSKIY, A.A., professor; VETCHINKIN, Yu.M.; GUREVICH, N.I., professor; OSIPOV, B.K., professor; TIKHONOV, N.A.; RYZHIKH, A.N., professor; RUDYAVSKIY, B.A.; TERNOVSKIY, S.D., professor.

Minutes of the session of the Surgical Society of Moscow and Moscow Province of October 10, 1952, Khirurgiia no.4:92-95 Ap '53. (MLRA 6:6)

1. Khirurgicheskoye obshchestvo Moskvy i Moskovskoy Oblast'.
(Esophagus--Surgery) (Esophagus--Cancer) (Rectum--Diseases)

SOLOV'YEV, A.Ye., professor; PRIOROV, N.N., professor.

In memory of Aleksei Dmitrievich Ochkin. Khirurgia no.6:82-83 Je '53.
(MLRA 6:8)
(Ochkin, Aleksei Dmitrievich, 1886-1952)

L 23438-65 EEO-2/EWT(d)/EWT(1)/EEC-4/EED-2 Pn-4/Po-4/Pp-4/Pq-4/Pg-4/Pk-4/Pl-4
CN/EC

ACCESSION MR: AP5002956

S/0209/65/000/001/0040/0043

AUTHOR: Solov'yev, B. (Captain)

TITLE: A calculator for course angle of the sun

B

SOURCE: Aviatsiya i kosmonavtika, no. 1, 1965, 40-43

TOPIC TAGS: navigation, course indicator, azimuth

ABSTRACT: The calculator consists of two circular concentric disks, one fixed and one capable of rotation about the common axis. The fixed disk has a time scale for hours at the command post. Concentric circles correspond to different sun angles, and the hour lines are curved radial lines. The upper disk (which is transparent) has two circular scales: an inner one for directional angle of the sun and an outer one for magnetic bearing. The course angle of the sun is computed after the magnetic bearing line on the outer scale is made coincident with the intersection of the sun angle circle and the time line at the instant of computation. The course angle is determined from the relation: $\angle = A - MB - \Delta m$, where A is the sun's azimuth, MV is magnetic bearing, and Δm is the magnetic variation at the command post. Tables have been prepared to show relations of azimuth to sun angle and hour angle, and the author discusses corrections to be

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ACCESSION NR: AP5002956

made for error in measuring the sun's azimuth. He concludes that the calculator is simple, easily manufactured, and sufficiently accurate for guiding a pilot to the airfield. Orig. art. has: 3 figures, 4 tables, and 7 formulas.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: NO

NO REF Sov: 000

OTHER: 000

Card 2/2

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652310013-9

Chikishev, N. A. and Mikhailov, I. G.

"Application of Composite Piezoelectric Vibrators to an Investigation of the Mechanical Properties of Polymers", Acoust. Journal of USSR 1, 4, p 343-347, 1955.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001652310013-9"

SOLOV'YEV, B.A. (Leningrad)

Semigraphical method for determining the parameters of a heat carrier
in a cooler-radiator in nonpredeterminate mode of operation. Izv. AN
SSSR. Energ. i transp. no.4:111-113 J1-Ag '65. (MIRA 18:10)

ACC NR: AP6008135

SOURCE CODE: UR/0281/66/000/001/0135/0142

27
BAUTHOR: Solov'yev, B. A. (Leningrad)

ORG: None

TITLE: Optimization of a hemispherical radiator with respect to weight

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 1, 1966, 135-142

TOPIC TAGS: radiative cooling, dimension analysis, integrodifferential equation, successive approximation

ABSTRACT: A method is proposed for determining the dimensions of a hemispherical radiator of minimum weight consisting of a single central disc with several perpendicular quarter-discs. The surface to be cooled may have any shape, e. g. cylindrical, hexahedral, spherical, etc. It is assumed in solving the problem of optimization with respect to weight that the surface to be cooled is a hemisphere equivalent in area to the actual surface being cooled. The methods of dimensional analysis are used for derivation of a system of integrodifferential equations for the heat balance in a sector of the disc and the incident radiation on various sections of the radiator in terms of the physical and geometric parameters of the individual components of the radiator and the unit as a whole. This system of equations was solved by the method of successive approximations on a digital computer. The results are given in the form of

Card 1/2

UDC: 536.3.004.15/62-4

SOLOV'YEV, B.B.

AID P - 692

Subject : USSR/Engineering

Card 1/1 Pub. 29 - 3/18

Author : Solov'yev, B. B., Eng.

Title : Welding a crack in the drum bottom of a high pressure boiler

Periodical : Energetik, 8, 9-11, Ag 1954

Abstract : The author describes a case from his own practical experience of a general overhauling of a single drum 80-atm boiler of 50 ton/hr capacity. 5 diagrams.

Institution : None

Submitted : No date

1. 1951, p. 5.

2. 1951.

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Kurm. liter. 3 (1), 1, 1950.

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"Biological principles involved in the cultivation of perennial grasses." F.I. Filatov.
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SUDAN GRASS

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July 1952. ~~REF ID: A652310013~~

SOLOV'EV, B.; MIL'YAVSKIY, I.

Grasses

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Sov. agron. 10, No. 6, 1952.

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Summer sowings of alfalfa and sainfoin. Kolkh. proizv. 12, no. 4, 1952.

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1. SOLOV'YEV, B.
2. USSR (600)
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7. Maximal use of natural resources. Sel. i sem. 19 no. 12, 1952.
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S. DUVITY, R. F.

Potential means of increasing production of forage crops. Moscow, Ukraine, 1953.
30 p. (Series 5, no. 24.)

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Summer sowing of perennial grasses. Moskva, Gos. izd-vo sel'skhoz. lit-ry, 1953. 43 p.
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SP197.87

1. Grasses - Russia.

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4. Tarkovskiy, M. I.
7. "Perennial grasses in field crop rotations." M. I. Tarkovskiy. Reviewed by B. Solov'yev, Sov. agron., 11, No. 2, 1953.
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re: Repression of the anti-Soviet strike in Novosibirsk, April 11, 1955) (Urgent)

3401.73.6 100-1000

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N/5
724.14
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Kukuruza--vazhneyshaya zernovaya i kormovaya kul'tura (Corn--Important grain and feed cultivation) Moskva, Goskul'tprosvetizdat, 1955.

40 p. tables.

At head of title: Russiya (RSFSR) Glavnaya Upravleniye Kul'turno Prosvetitel'nykh Ucherzhdeniy.

"Rekomenduyemaya literatura": p. (42)

SOLOV'YEV, B.F.

USSR/Cultivated Plants - Grains.

M-2

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91636

Author : Solov'yev, B.F.

Inst :

Title : The Experimental Results of Cultivating Corn Hybrids Seeds
in 1956.

Orig Pub : Kukuruza, 1957, No 5, 19-24.

Abstract : The data of collective farms and scientific institutions.
Hybrids, especially double inbred crosses, are most pro-
ductive and give a 25 - 30% yield increase. In 1956 the
corn sowing area for obtaining F₁ seeds of the districited
hybrids increased several times, this was made possible
by production of hybrid seeds. -- V.A. Vnuchkova.

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Collecting seeds of wild plants. Zhivotnovodstvo no.8:41-42 Ag '58.
(MIRA 11:10)

(Seeds) (Grasses)

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GUREVICH, M.M., tekhn.red.

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articles] Sorgo - tsennaya kormovaia kul'tura; sbornik
statei. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 206 p.
(MIRA 12:8)

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Green fallows help to increase the feed supply. Nauka i pered.
op. v sel'khoz. 9 no.4:21-23 Ap '59. (MIRA 12:6)
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SOLOV'IEV, B.F.; KINSH, A.S.; YAKUHKINA, A.F.; BLOKHINA, V.V., red.;
PECHENKIN, I.V., tekhn.red.

[Seed corn; a handbook] Semenovodstvo kukuruzы; spravochnik.
Moskva, Izd-vo M-va sel'skhoz.SSSR, 1960. 226 p. (MIRA 13:6)

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Glavnaya inspeksiya po zemledeliyu.
(Corn (Maize))

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red.; PECHENKIN, I.V., tekhn. red.

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1. Vsesoyuznoye soveshchaniye po proizvodstvu kukuruzy, Krasnodar, 1960.

(Corn (Maize))—Congresses)

SOLOV'YEV, B.F., otv.red.; BLINKOVA, M.V., otv.red.; BLOKHINA, V.V..
red.; PECHENKIN, I.V., tekhn.red.

[Abridged transactions of the All-Union Conference on Corn
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soveshchaniia po proizvodstvu kukuruzы. Moskva, Izd-vo M-va
sel'.khoz.SSSR, 1961. 527 p. (MIRA 14:4)

1. Vsesoyuznoye soveshchaniye po proizvodstvu kukuruzы, Krasnodar,
1960. 2. Glavnyy agronom po kukuruze Ministerstva sel'skogo
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ZAKHARCHENKO, A.L.; DEMCHENKO, P.V.; YAKUKHINA, A.F.; SOLOV'YEV,
B.F.; KINSH, A.S.; MINENKOVA, V.R., red.; PEVZNER, V.P.,
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tekhn., 7 no.2:252-256 '64. (MIPA 18:4)

I. Ivanovskiy khimiko-tehnologicheskiy Institut, kafedra
obshchey khimicheskoy tekhnologii.

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SOLOV'IEV, B.L.

Vorontsovka karst cave. Nov.kar.i spel. no.3:57-61 '63.
(MIRA 16:10)

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the 1967 participation in ABIBHAZIA and its geostrategic importance.
Inv. Nos. 1967-97 no.1:SI-85 (a-f) b/c
(MIRA 18:3)

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Age of fossil flora from the Gumista Valley. Soob. AN Cruz. SSR
40 no.2:381-385 N '65. (MIP 19:1)

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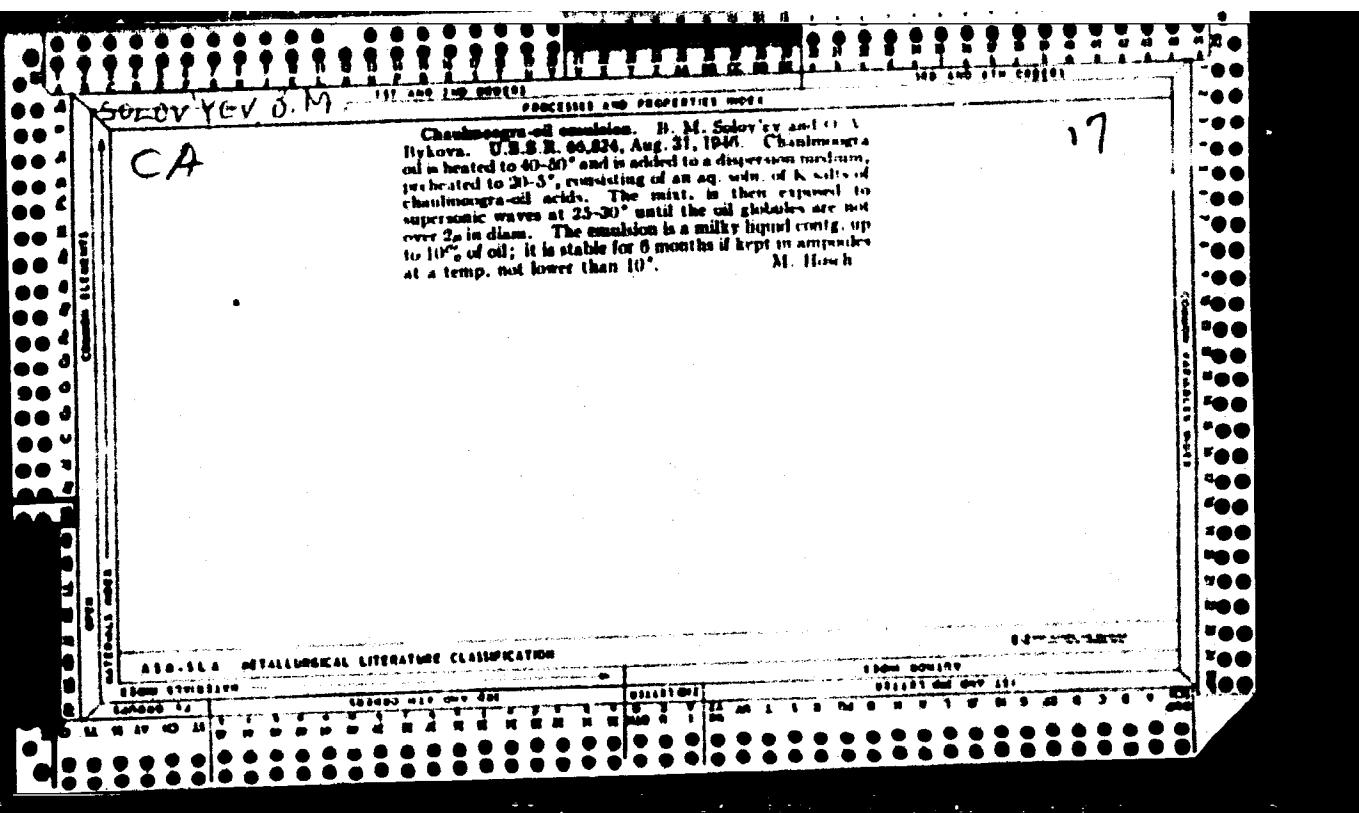
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AMERICAN, R.V.

"2 Percent Water-of Camphor Emulsion".
S: Veterinaria, Vol.20, No.3/4, March/April 1943, unc.

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COLCV'ET, B. M. (Co-author)

See: SUMI V, K. S. "Effect of the Formaldehyde Derivative, Mersulfazol,
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See: Sum-Si-90-53, 15 Dec. 1953

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1. Presented by Academician A. I. Oparin 20 November 1952.

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Water-soluble rutin concentrate. V. G. Kirillov-Ugryumov, B. M. Solov'yev, and M. P. Shakhova. U.S.S.R. No. 103,654, Aug. 25, 1960. To increase the solubility of rutin in water, a mixt. of rutin, urea, and an aq. soln. of an alkali is evaporated to dryness with const. stirring. The dry concentrate is washed with distd. water and again evapd. to dryness with stirring. M. Hoseh

3
Med

Solov'ev (3 M)

3

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M
✓ Vitamin preparation containing retin
B. M. Solov'yev, and K. P. Shakhov. U.S.S.R. 103,079.
Mar. 25, 1957. A vitamin prep. contg. retin is obtained
from vegetable material, e.g., the green matter of buckwheat
or tea leaves, by extg. the raw material with a 1:1 mixt. of
dichloroethane and benzene. M. Enoch

SHEKHTMAN, G.Z.; Prin'mal uchastiye: SOLOV'YEV, B.M.

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Masl.-zhir.prom. 28 no.4:37-39 Ap '62. (MIRA 15:5)

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(Glycerides)

8(0)

SOV/112-58-3-3942

Translation from: Referativnyy zhurnal. Elektrotehnika, 1958, Nr 3, p 64 (USSR)

AUTHOR: Solov'yev, B. N.

TITLE: Welding Transformer Controlled by Magnetizing Its Shunt (Announcement)
(Svarochnyy transformator, reguliruyemyy podmagnichivaniyem shunta
(Informatsiya))

PERIODICAL: Tr. Gor'kovsk. politekhn. in-ta, 1957, Vol 13, Nr 2, p 52

ABSTRACT: Bibliographic entry.

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SOLOV'YEV, Boris Patrovich; KUKLIN, P.V., red.; IZHEBOLDINA, S.I.,
tekhn.red.

[Fertilizer utilization on the "Put' Il'icha" Collective Farm]
Ispol'sovanie udobrenii v kolkhoze "Put' Il'icha." Stalingrad,
Stalingradskoe knizhnoe izd-vo, 1960. 23 p.
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KISELEV, O.N.: SUDOV'YEV, L.S.

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(Bathyscaph)
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SOLOV'YEV, B.S.

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Okeanologiya 3 no.5:936-938 '63. (MIRA 16:11)

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Into the sea depths with a bathyscaphe. Priroda 53 no.1:99-101 '64.

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Distribution and sharing of the Atlantic salmon stocks occurring
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(Date 17:10)

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red.izd-va; RYLINA, Yu.V., tekhn.red.

[Iron metallurgy in England; basic trends of development]
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Moskva, Izd-vo Akad.nauk SSSR, 1960. 222 p. (MIRA 13:3)
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International Fall Fair in Leipzig. Kozh.-obuv.prom. 3 no.6:
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1. Direktor pushno-mekhovoy kontory Vsesoyuznogo ob"yedinenija
"Soyuzpushchnina" (for Solov'yev) 2. Glavnnyy inzhener Leningrad-
skoy mekhovoy fabriki (for Dorokhov).
(Germany, East--Fur industry) (Leipzig--Exhibitions)

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International fur auctions in Leipzig. Vnesh. torg. 42 no.4:
27 '62. (MIRA 15:4)
(Leipzig--Fur trade)